Figure 1

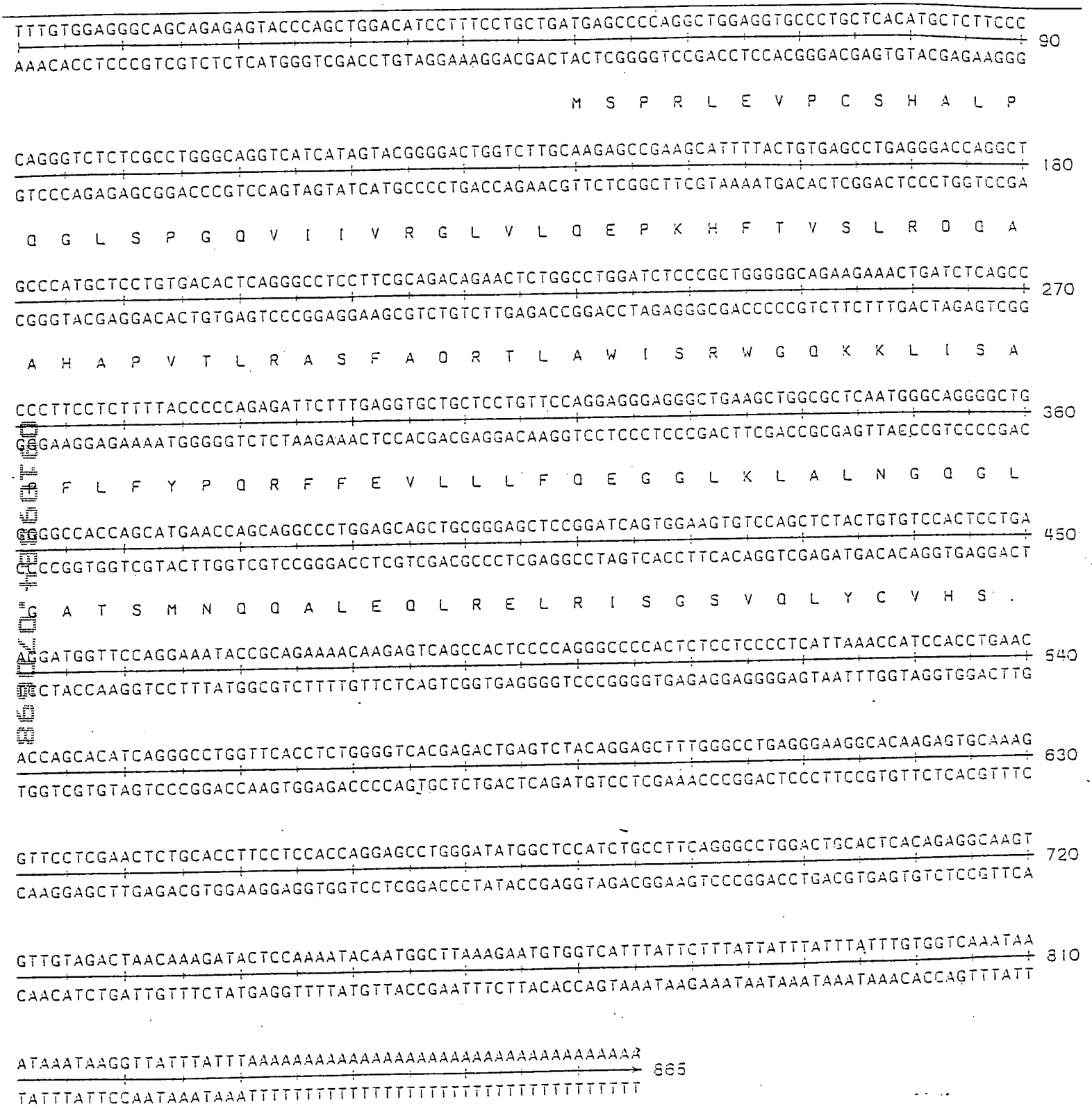
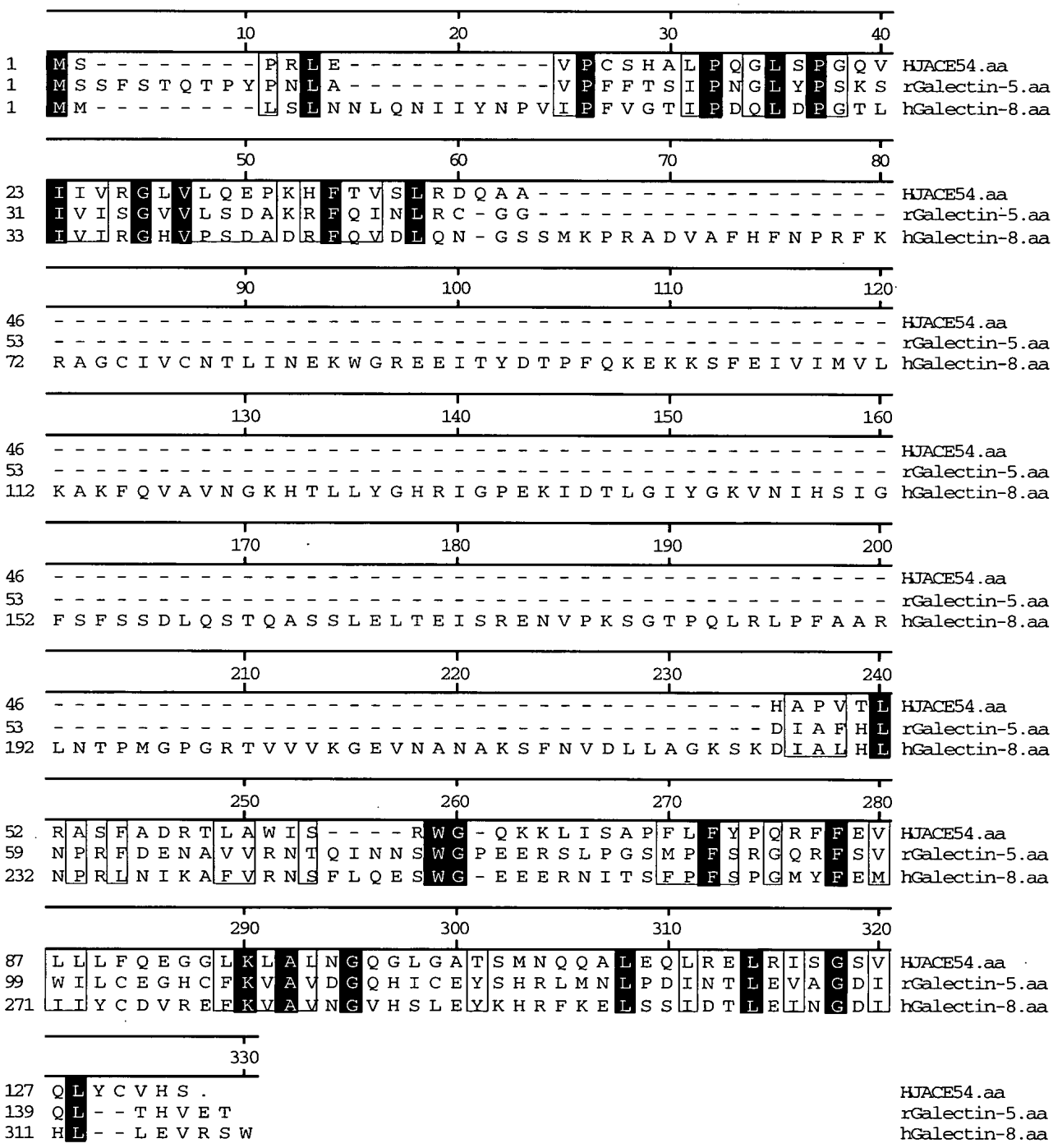

TTTGTGGAGGGCAGCAGAGAGTACCCAGCTGGACATCCTTTCCTGCTGATGAGCCCCAGGCTGGAGGTGCCCTGCTCACATGCTCTTCCC
AAACACCTCCCGTCGTCTCTCATGGGTCGACCTGTAGGAAAGGACGACTACTCGGGGTCCGACCTCCACGGGACGAGTGTACGAGAAGGG
90
M S P R L E V P C S H A L P
CAGGGTCTCTCGCCTGGGCAGGTCATCATAGTACGGGGACTGGTCTTGCAAGAGCCGAAGCATTTTACTGTGAGCCTGAGGGACCAGGCT
GTCCCAGAGAGCGGACCCGTCCAGTAGTATCATGCCCCTGACCAGAACGTTCTCGGCTTCGTAAAATGACACTCGGACTCCCTGGTCCGA
180
Q G L S P G Q V I I V R G L V L Q E P K H F T V S L R Q Q A
GCCCATGCTCCTGTGACACTCAGGGCCTCCTTCGCAGACAGAACTCTGGCCTGGATCTCCCGCTGGGGGCAGAAGAAACTGATCTCAGCC
CGGGTACGAGGACACTGTGAGTCCCGGAGGAAGCGTCTGTCTTGAGACCGGACCTAGAGGGCGACCCCCGTCTTCTTTGACTAGAGTCGG
270
A H A P V T L R A S F A Q R T L A W I S R W G Q K K L I S A
CCCTTCCTCTTTTACCCCCAGAGATTCTTTGAGGTGCTGCTCCTGTTCCAGGAGGGAGGGCTGAAGCTGGCGCTCAATGGGCAGGGGCTG
GGGAAGGAGAAAATGGGGGTCTCTAAGAAACTCCACGACGAGGACAAGGTCCTCCCTCCCGACTTCGACCGCGAGTTACCCGTCCCCGAC
360
P F L F Y P Q R F F E V L L L F Q E G G L K L A L N G Q G L
GGGGCCACCAGCATGAACCAGCAGGCCCTGGAGCAGCTGCGGGAGCTCCGGATCAGTGGAAGTGTCCAGCTCTACTGTGTCCACTCCTGA
CCCCGGTGGTCGTACTTGGTCGTCCGGGACCTCGTCGACGCCCTCGAGGCCTAGTCACCTTCACAGGTCGAGATGACACAGGTGAGGACT
450
G A T S M N Q Q A L E Q L R E L R I S G S V Q L Y C V H S .
ACGATGGTTCCAGGAAATACCGCAGAAAACAAGAGTCAGCCACTCCCCAGGGCCCCACTCTCCTCCCCTCATTAAACCATCCACCTGAAC
TGCTACCAAGGTCCTTTATGGCGTCTTTTGTTCTCAGTCGGTGAGGGGTCCCGGGGGTGAGAGGAGGGGAGTAATTTGGTAGGTGGACTTG
540
ACCAGCACATCAGGGCCTGGTTCACCTCTGGGGTCACGAGACTGAGTCTACAGGAGCTTTGGGCCTGAGGGAAGGCACAAGAGTGCAAAG
TGGTCGTGTAGTCCCGGACCAAGTGGAGACCCCAGTGCTCTGACTCAGATGTCCTCGAAACCCGGACTCCCTTCCGTGTTCTCACGTTTC
630
GTTCCTCGAACTCTGCACCTTCCTCCACCAGGAGCCTGGGATATGGCTCCATCTGCCTTCAGGGCCTGGACTGCACTCACAGAGGCAAGT
CAAGGAGCTTGAGACGTGGAAGGAGGTGGTCCTCGGACCCTATACCGAGGTAGACGGAAGTCCCGGACCTGACGTGAGTGTCTCCGTTCA
720
GTTGTAGACTAACAAAGATACTCCAAAATACAATGGCTTAAAGAATGTGGTCATTTATTCTTTATTATTTATTTATTTGTGGTCAAATAA
CAACATCTGATTGTTTCTATGAGGTTTTATGTTACCGAATTTCTTACACCAGTAAATAAGAAATAATAAATAAATAAACACCAGTTTATT
810
ATAAATAAGGTTATTTATTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
TATTTATTCCAATAAATAAATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
865

FIGURE 2



Decoration 'Decoration #1': Box residues that match the consensus named 'Consensus #2' exactly.

Decoration 'Decoration #2': Shade (with solid black) residues that match the consensus named 'Consensus #1' exactly.

09460945.030698

FIGURE 3

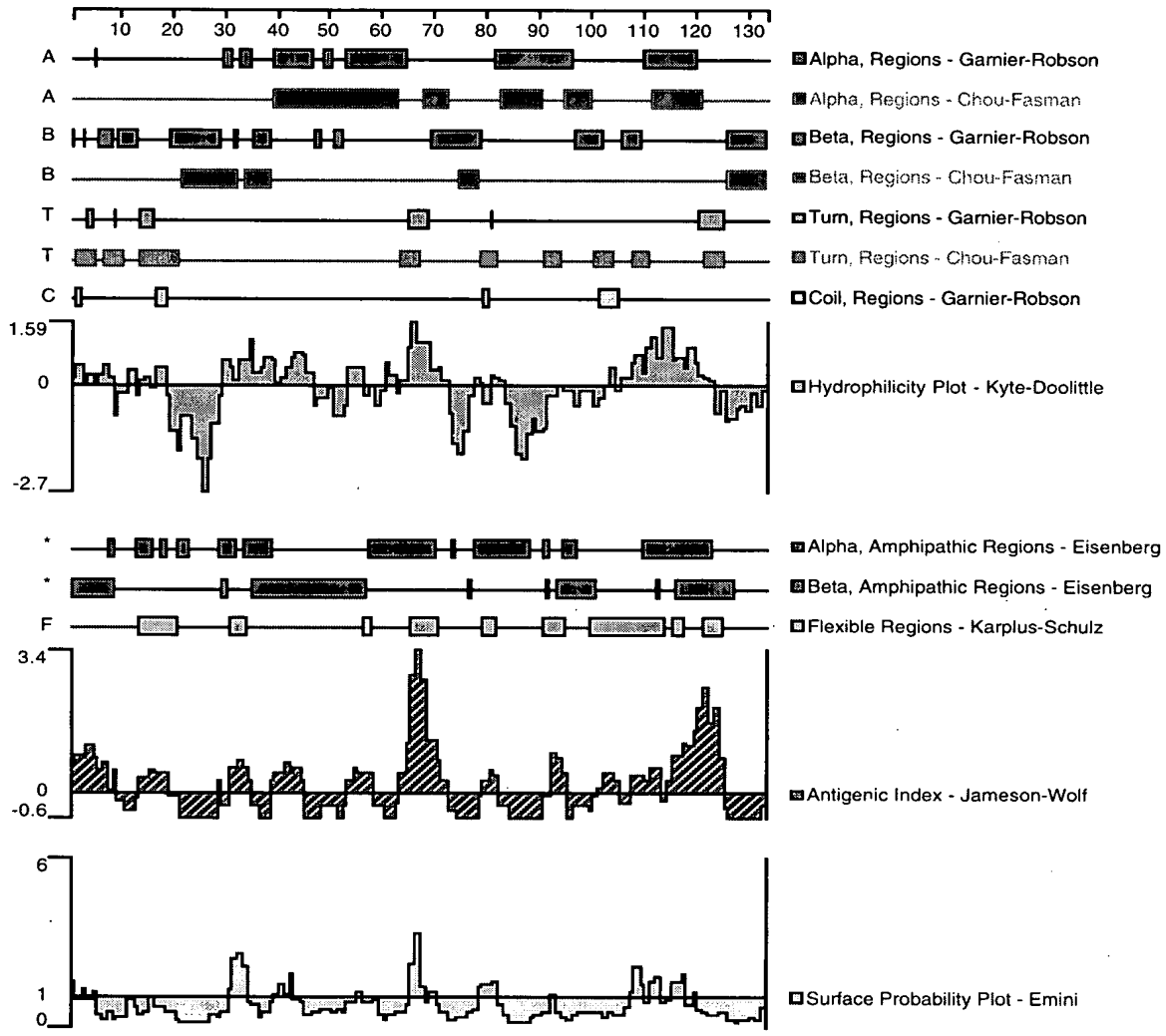


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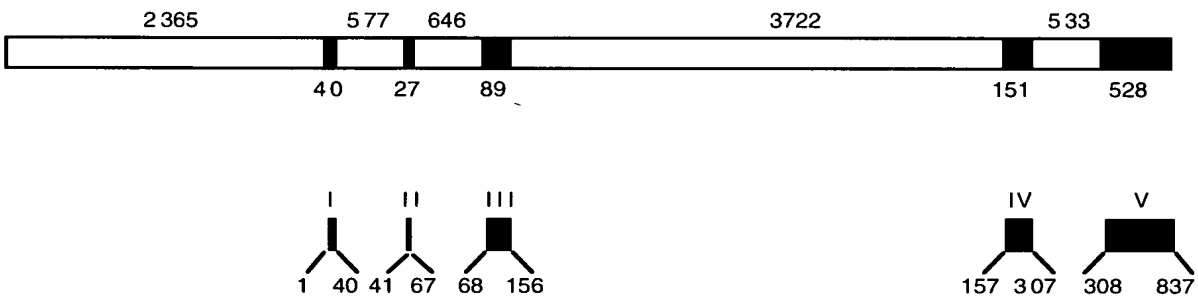
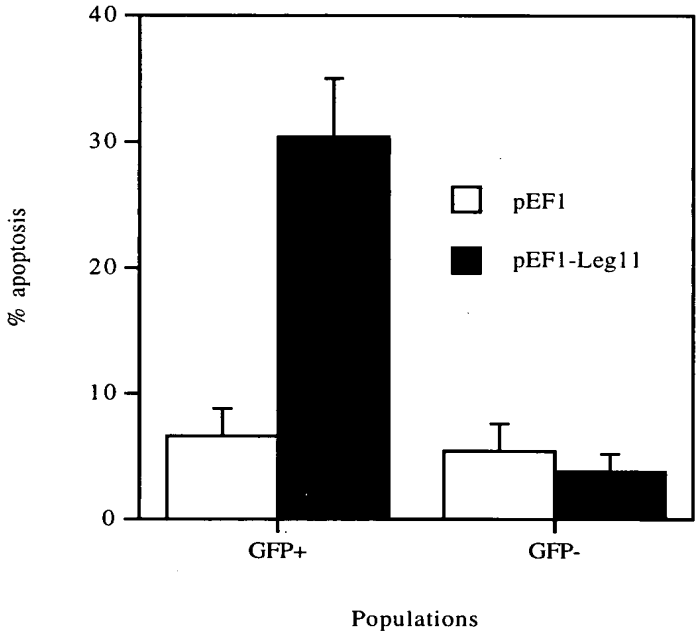
FIGURE 4



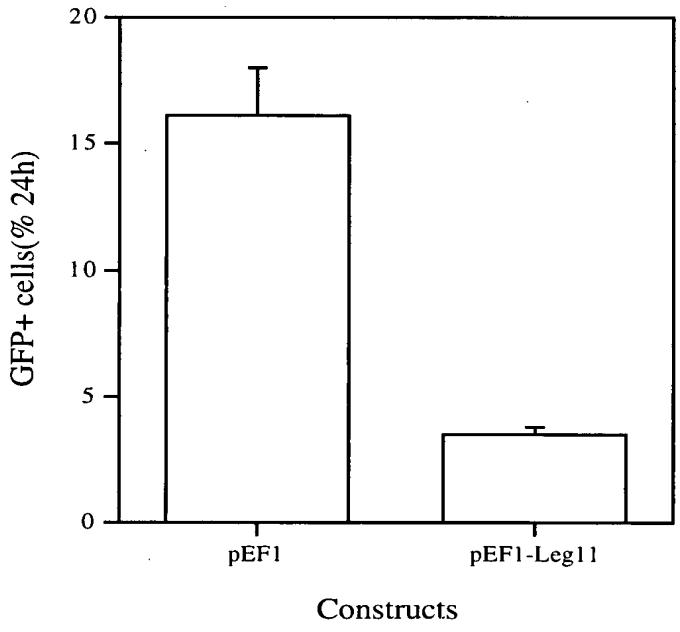
SUBSTITUTE SHEET (RULE 26)

FIGURE 5A



SUBSTITUTE SHEET (RULE 26)

FIGURE 5B



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